

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number  
WO 03/084244 A1

(51) International Patent Classification<sup>7</sup>: H04N 7/64,  
7/36, 7/24

David [GB/GB]; 9 THIRLMERE COURT, FELIXS-  
TOWE, Suffolk IP11 9SN (GB).

(21) International Application Number: PCT/GB03/01204

(74) Agent: WALLIN, Nicholas, James; BT GROUP LE-  
GAL INTELLECTUAL PROPERTY DEPARTMENT,  
HOLBORN CENTRE, 8TH FLOOR, 120 HOLBORN,  
LONDON EC1N 2TE (GB).

(22) International Filing Date: 21 March 2003 (21.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02252216.3 27 March 2002 (27.03.2002) EP

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,  
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,  
UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **BRITISH  
TELECOMMUNICATIONS PUBLIC LIMITED  
COMPANY** [GB/GB]; 81 NEWGATE STREET, LON-  
DON EC1A 7AJ (GB).

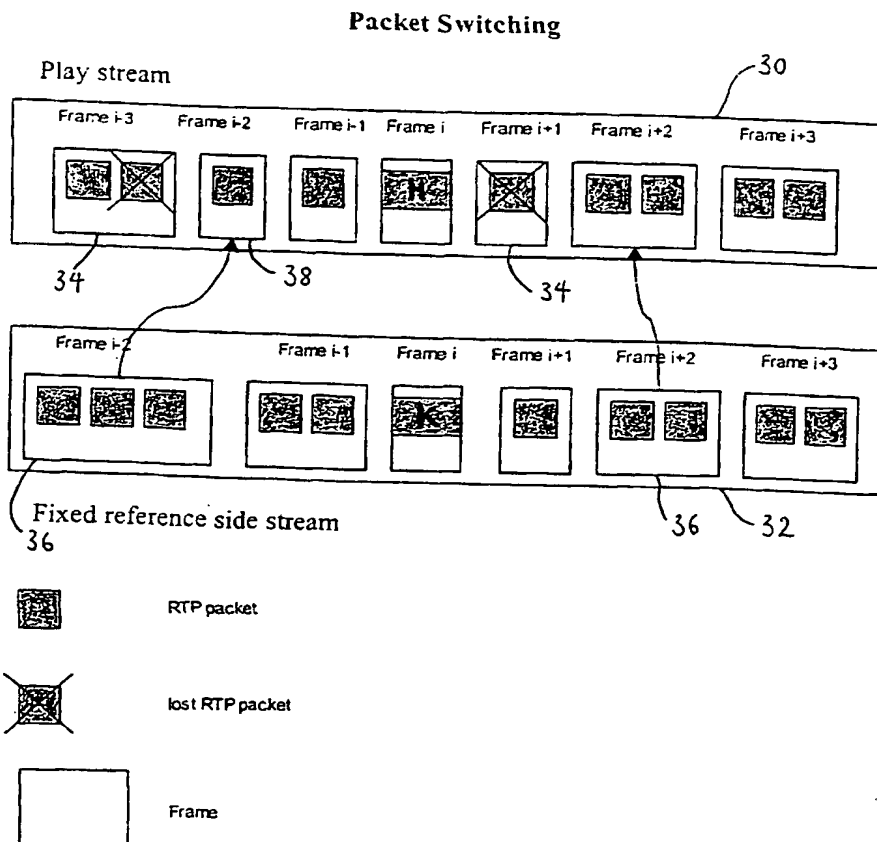
(72) Inventor; and

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(75) Inventor/Applicant (*for US only*): **WALKER, Matthew,**

[Continued on next page]

(54) Title: VIDEO CODING AND TRANSMISSION



(57) **Abstract:** A system and method for compensating for transmission errors in a video data stream comprises transmitting a first video data stream from a transmitter to a receiver, detecting corrupted data in the transmitted data stream, and generating an indication that data is corrupted. In response to the indication that the data is corrupted, the data is transmitted from a second video data stream predicted from a reference frame.